

# Training & Simulation Industry Symposium

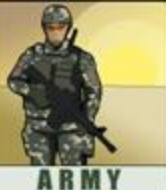




*COL James R. Ralph, III*  
*Project Manager Training Devices*

**TSIS 2007**





# Current ... PM TRADE Organization

**PM TRADE**  
COL James R. Ralph, III

**DPM**  
Mr. Bill Rucker

**APM LTT**  
Mr. Jorge Rivera

**Business Manager**  
Ms. Arlene Whisner



**PM CTIS**  
Combat Training  
Instrumentation Systems  
LTC Mike Zarbo (PM)  
Mr. Jerry Ervin (DPM)



**PM LTS**  
Live Training Systems  
COL Chris Oliver (PM)  
Mr. Bob Wolfinger (DPM)



**PM DT**  
Digitized Training  
Ms. Shirley Rubens (PM)  
Mr. Tony Bradley (DPM)



# *Future...* PM TRADE Organization

31 July 2007

**PM TRADE**  
**COL Fred Mullins**

**DPM**  
**Mr. Bill Rucker**

**APM LTT**  
**Mr. Jorge Rivera**

**Business Manager**  
**Ms. Arlene Whisner**



**PM CTIS**  
**Combat Training**  
**Instrumentation Systems**  
**LTC Aaron Brown (PM)**  
**Mr. Jerry Ervin (DPM)**

29 June 2007



**PM LTS**  
**Live Training Systems**  
**COL Chris Oliver (PM)**  
**Mr. Bob Wolfinger (DPM)**

PM will be designated  
July 07



**PM DT**  
**Digitized Training**  
**LTC Charles Emerson (PM)**  
**Mr. Tony Bradley (DPM)**

26 June 2007



# Opportunities

- ☐ **MK-19 TES w/Geo-Pairing**
- ☐ **IEDES**
- ☐ **UCD/MCD**
- ☐ **SLM**
- ☐ **OneTESS**
- ☐ **WITS**



# MK-19 TES w/Geo-Pairing

## Description:

The purposes of this support mission funded effort is to:

- ✓ Provide new and/or replacements to existing MK-19 Simulation Player Units (SPU) that are used in the Army's force-on-force training exercises with devices that provide better training fidelity for geo-pairing on instrumented ranges as well as laser base capabilities where available.
- ✓ Reduced MK-19 GB SPU life-cycle support costs.
- ✓ Spin-out One TESS technologies into these training devices and sites.
- ✓ Provide a contractual vehicle for FMS, homeland defense or other services if needed.



### Acquisition Strategy

Competitive STOC, Firm Fixed Price,  
Quantity Pricing, Option Lots  
Current Geometric Pairing Configuration plus Recoil,  
Jamming, and Heads-Up Display

### Funding

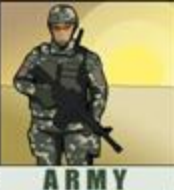
Potential Support Mission Funding	FY-08 OPA: \$6M
	FY-09 OPA: \$7M
	FY-10 OPA: \$8M
	FY-11 OPA: \$8M
	FY-12 OPA: \$11M

### Point of Contact

Name: Tom Alley  
Phone: 407-384-9647  
Email: [thomas.alley@peostri.army.mil](mailto:thomas.alley@peostri.army.mil)

### Milestones

▲	▲	▲
RFP Release Nov 2007	Contract Award June 2008	LRIP Sep 2008



# Improvised Explosive Device Effects Simulator (IEDES)

## Description:

**Improvised Explosive Device Effects Simulator (IEDES)** is a training aid designed to simulate IED effects in an effort to increase Force Protection through training. The effects include flash/bang to provide noise, heat and visual realism as well as a colored talcum signature. This system provides a RF frequency emission for use with CREW type systems as a means to demonstrate capability, and it will communicate information with any other system, i.e., One-TESS.



### Acquisition Strategy

Full and Open Competition inside of STOC

### Funding

Approx \$16M over multiple years

### Point of Contact

Name: MAJ Frank Bridges

Phone: 407-384-5321

Email: [frank.bridges@us.army.mil](mailto:frank.bridges@us.army.mil)

### Milestones



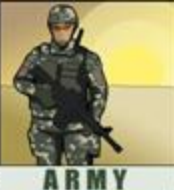
RFP Release  
4Q07



RFP Close  
1Q08



Contract Award  
1Q08



# Universal Controller Device / Micro Controller Device (UCD/MCD)

## Description:

Replaces Basic MILES Controller Devices currently fielded. Performs controller actions like reset and resurrect as well as shooting and reads all MILES codes.

*(MCD--thumb-fob device replaces reset key)*



### Acquisition Strategy

- Planned for STOC II
- FFP Delivery order

### Funding

- TMA and support mission funding approximately \$8M over multiple years

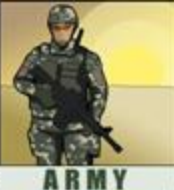
### Point of Contact

Name: Dave Mize  
Phone: 407-384-3661  
Email: [vincent.mize@peostri.army.mil](mailto:vincent.mize@peostri.army.mil)

### Milestones

▲  
RFP Release  
1QFY09

▲  
Contract Award  
2QFY09



# Shoulder Launched Munitions

## Description:

Integrate, test and build approximately 3500 MILES simulators for the M136 AT4 and various OPFOR equivalent systems for use at home stations and Maneuver Combat Training Centers Army wide. System provides real-time casualty effects necessary for tactical engagement training in Direct-Fire Force-on-Force training scenarios and instrumented training scenarios. Replaces Basic MILES currently fielded and improves simulation of OPFOR.



### Acquisition Strategy

- Planned for STOC II
- FFP Delivery Order

### Funding

- TMA and Support Mission funding
- APPROX \$20M - \$25M over 4 lots

### Point of Contact

Name: Joe LaBalbo  
 Phone: 407-384-5150  
 Email: [joe.labalbo@us.army.mil](mailto:joe.labalbo@us.army.mil)

### Milestones



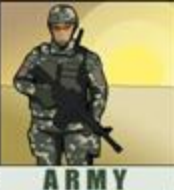
Draft RFP  
 Release  
 2QFY09



RFP Release  
 4QFY09



Contract Award  
 2QFY10



# OneTESS

## Description:

*One Tactical Engagement Simulation System* will provide a live, precision, combined-arms Force-on-Force and Force-on-Target training capability for brigade and below, at home stations, combat maneuver training centers, and deployed sites.



### Acquisition Strategy

- Following MS C (4QFY09) award OneTESS follow-on R&D system development and demo (SDD) increments.
- Planned for STOC II

### Funding

- Follow-on increments - RDT&E ~\$10M/yr

### Point of Contact

Name: Mike Bergman  
Phone: 407-384-5222  
Email: [michael.bergman@us.army.mil](mailto:michael.bergman@us.army.mil)

### Milestones



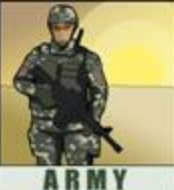
MS C  
4QFY09



SDD RFP  
Release 4QFY09



SDDContract  
Award 2QFY10



# Wireless Independent Target System

## Description:

Replace Basic MILES target systems at home stations and Maneuver Combat Training Centers Army wide. System provides real-time casualty effects necessary for tactical engagement training in Direct-Fire Force-on-Force training scenarios and instrumented training scenarios.



### Acquisition Strategy

- Planned for STOC II
- FFP Delivery Order

### Funding

- TMA and support mission funded.
- Approximately \$32M over multiple years.

### Point of Contact

Name: Dave Mize  
Phone: 407-384-3661  
Email: [vincent.mize@peostri.army.mil](mailto:vincent.mize@peostri.army.mil)

### Milestones



RFP Release  
1QFY10



Contract Award  
2QFY10

# Training & Simulation Industry Symposium



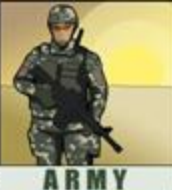


*COL Ken Wheeler*

*Project Manager Constructive Simulation*

**TSIS 2007**





# Common Battle Command Simulation Equipment (CBCSE)

## Description:

CBCSE provides support for PM ConSim's Joint Land Component Constructive Training Capability (JLCCTC) program. CBCSE performs engineering analyses, procures, installs, integrates and delivers Commercial Off-The-Shelf Hardware, Software and Network Devices plus Government Off-The-Shelf Software in support of JLCCTC.

### Acquisition Strategy

**Contract Type:** STOC IDIQ  
FFP and T&M, Base w/4 Option Years  
**Contractor:** TBD

### Funding

OPA \$10-\$15M/yr

### Point of Contact

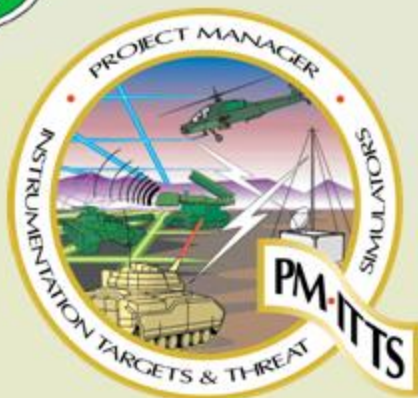
**Name:** James Dunn  
**Phone:** 407-208-3176  
**Email:** [jimmy.dunn@us.army.mil](mailto:jimmy.dunn@us.army.mil)

### Milestone



# Training & Simulation Industry Symposium





***COL David Lockhart***

*Project Manager, Instrumentation, Targets & Threat Simulators*

**TSIS 2007**





**COL David Lockhart**  
**Mr. Jerry Sirmans (DPM)**



**IMO**

**Mr. J. Russell Longenbach**  
**Mr. Ralph Holweck, Deputy**



**TMO**

**Mr. Stephen G. Milburn**  
**Al Brown, Deputy**



**TSMO**

**Mr. Mark C. Tuten**  
**Ms. Deb McLemore, Deputy**

***Instrumentation Management Office***

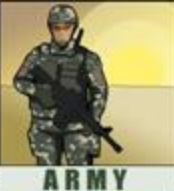
- ☐ OT-TES
- ☐ DETEC
- ☐ CADTS
- ☐ STARSHIP
- ☐ DNM

***Targets Management Office***

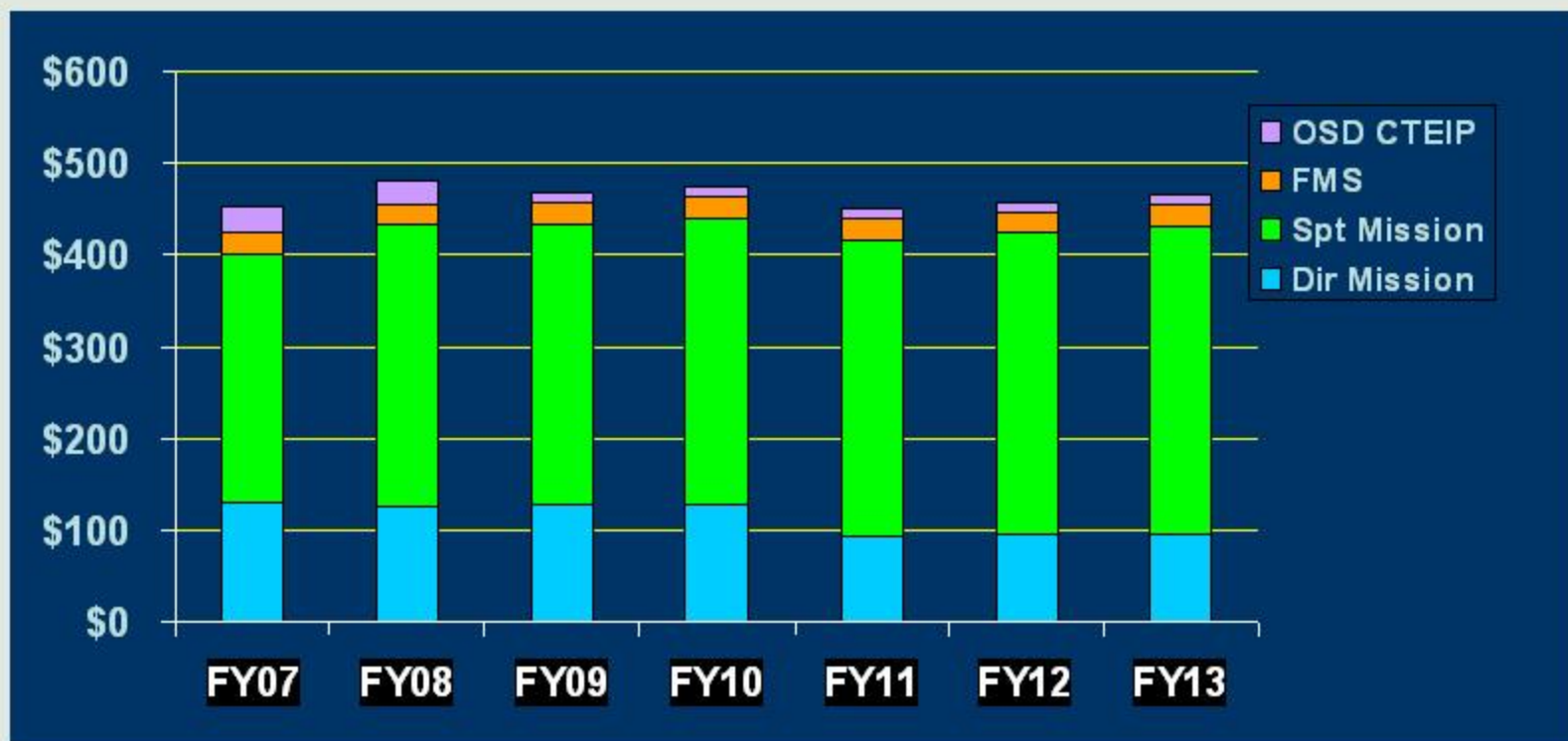
- ☐ Ground Targets
- ☐ Aerial Targets
- ☐ Virtual Targets
- ☐ Aerial Target Flight Services
- ☐ Training Target support

***Threat Systems Management Office***

- ☐ IEWTB
- ☐ CCDO
- ☐ XM11S
- ☐ WRIST
- ☐ ISGT
- ☐ NETT
- ☐ MCNTR
- ☐ Advanced EOB
- ☐ CSTOAC



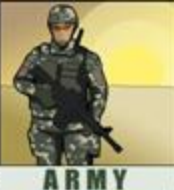
# Estimated Funding FY08 - 13





# Contracting Locations

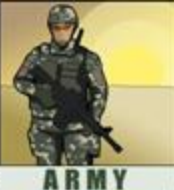
- ❑ *PEO STRI, Orlando*
- ❑ *AMCOM Acquisition Center*
- ❑ *White Sands Missile Range*
- ❑ *Yuma Proving Ground*
- ❑ *Aberdeen Proving Ground*



# IMO – Potential RFP's

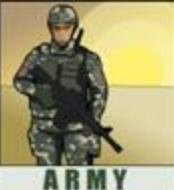
<b>Project</b>	<b>RFP release date</b>	<b>Est value</b>	<b>Contracting activity</b>
<b>Advanced Ballistic Data Acquisition</b>	1QFY10	\$5M	ATC
<b>Vision - ADMAS PIP</b>	2QFY09	\$8M	ATC
<b>Helicopter Icing Spray System (HISS)</b>	2QFY10	\$5M	Huntsville with RDEC/ATTC
<b>Blast Injury T&amp;E Center</b>	1QFY11	\$10M	ATC
<b>Mobile IR Scene Projector</b>	2QFY10	\$5M	PEO STRI or RTTC/Huntsville
<b>Dynamic IR Scene Projector P3I</b>	1QFY11	\$2.5M	PEO STRI or RTTC/Huntsville
<b>DETEC II</b>	2QFY09	\$50M	PEO STRI

The mission areas supported by the above T&E instrumentation projects include direct-fire, indirect-fire and rotary-wing weapons platforms. The technologies supporting these capabilities include IT, micro-processor, spectrum utilization, fluid and aerosol dynamics and scene projection. All dollar estimates are thru FY13.



# IMO – Ongoing Projects

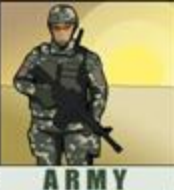
<u>Project</u>	<u>RFP release date</u>	<u>Est value</u>	<u>Contracting activity</u>
MMTS	In Process	\$10M	PEO STRI
CSI / STIL	Pending staffing/ approval of ACQ Strategy	\$10M	YPG / ATTC/ RDEC -Huntsville
EnRAP	2QFY08	\$14M	WSMR



# TMO – Potential RFP's

<u>Project</u>	<u>RFP date</u>	<u>Est value</u>	<u>Contracting Org</u>	<u>Comp/NC</u>
Air-Defense Artillery Training	2QFY08	<\$29M	AMCOM	Comp SBSA
Rotary-Wing Aerial Targets	2QFY08	<\$5M	AMCOM	Comp
Rocket-Assisted Take-Off System	3QFY07	<\$4M	AMCOM	Comp
AWSS System	1Q FY 08	<\$5M	AMCOM	NC
Aerial Target Flight Services	1Q FY 10	<\$30M	AMCOM	Comp
Mobile Ground Targets Spares and Hardware	2Q FY 09	<\$20M	AMCOM	Comp
Towed Targets	2Q FY 09	<\$5M	AMCOM	Comp

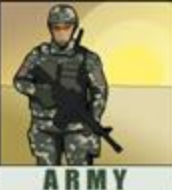
*(All dollar estimates are thru FY13)*



# TMO – Potential RFP's

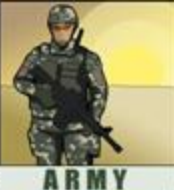
<u>Project</u>	<u>RFP date</u>	<u>Est value</u>	<u>Contracting Activity</u>
Target Control System Eng Services	3Q FY 08	<\$5M	AMCOM
Target Control Sys Spares	2Q FY 10	<\$3M	AMCOM
Unmanned Aerial Systems – Target	NA	<\$2M	AMCOM
Towed Targets	NA/Multiple small contracts	< 300K/year	AMCOM
Virtual Targets	NA/Multiple small contracts	<1M/year	AMCOM
Mobile Ground Targets Surrogate	NA/Multiple small contracts	<\$2M/year	AMCOM
MQM 107	NA/Multiple small contracts	<\$400k/year	AMCOM

(All dollar estimates are thru FY13)



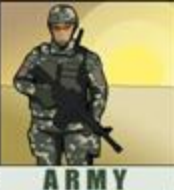
# TMO – Potential RFP's

<u>Project</u>	<u>RFP Release Date</u>	<u>Est Value</u>	<u>Contracting Activity</u>
MANPADS	TBD	\$29M	AMCOM
Next Generation Cell Infrastructure	TBD	\$29M	AMCOM
Red Team Support	TBD	\$29M	WSMR

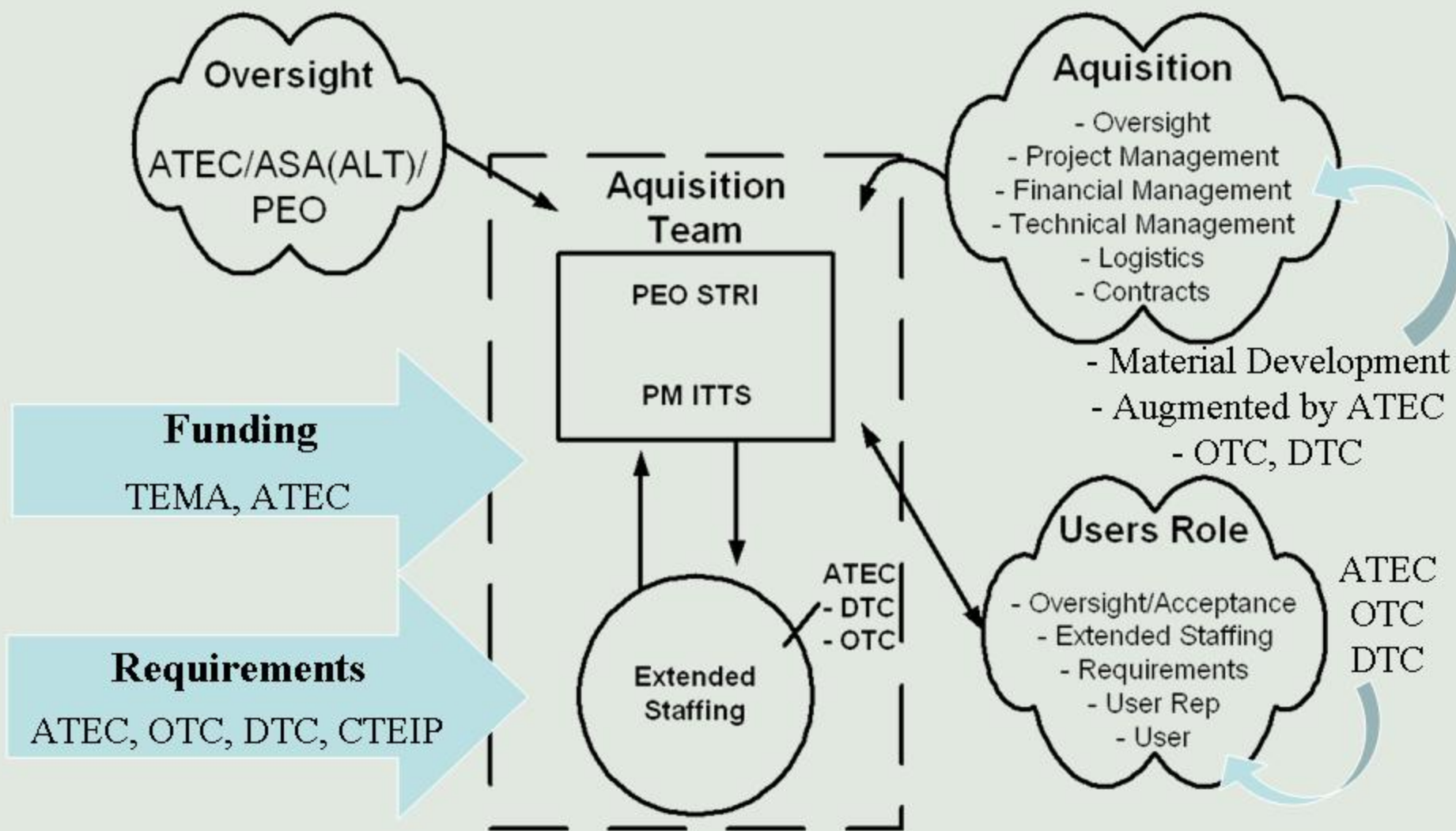


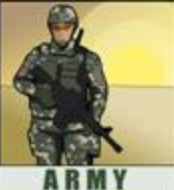
# TSMO – Potential RFP's

<u>Project</u>	<u>RFP release date</u>	<u>Est value</u>	<u>Contracting activity</u>
MANPADS	TBD	\$29M	AMCOM
Next Generation Cell Infrastructure	TBD	\$29M	AMCOM
Red Team Support	TBD	\$29M	WSMR



# Partnering

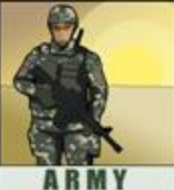




ARMY

# Acronyms

Acronym	Meaning
ADMAS	Advanced Distributed Modular Acquisition System
AMCOM	Aviation & Missile Command
ASA(ALT)	Assistant Secretary of Army for Acquisition, Logistics, and Technology
ATC	Aberdeen Test Center
ATEC	Army Test and Evaluation Command (Alexandria, VA)
ATTC	Army Aviation Test Center
CADTS	Contamination Avoidance Detection Test Suite
CCDO	Camouflage Concealment Deception and Obscurants
CSI	Crew Station Interface
CSTOAC	Control Signal Transmitter - Open Air Capability
CTEIP	Central Test and Evaluation Investment Program
DETEC	Directed Energy T&E Capability
DNM	Digital Network Migration
DTC	Developmental Test Command
EnRAP	Enhanced Range Application Program
EOB	Electronic Order of Battle
FMS	Foreign Military Sales



# Acronyms

Acronym	Meaning
HISS	Helicopter Icing Spray System
IEWTB	Information and Electronic Warfare Test Directorate
IR	Imaging Infrared
ISGT	IMASE Scenario Generation Tool
MANPADS	Man Portable Air Defense Systems
MCNTR	Mobile Communication Network Infrastructure Test Range
MMTS	Mobile Multi-Sensor Time Space Position Information (TSPI) System
NETT	Network Exploitation Test Tool
OSD	Office of the Secretary of Defense
OTC	Operational Test Command
OT-TES	Operational Test -- Tactical Engagement System
PEO STRI	Program Executive Office Simulation, Training and Instrumentation
PIP	Product Improvement Program
PM ITTS	Program Manager of Instrumentation Targets and Threat Simulator
RDEC	Research Development Engineering Command
RTTC	Redstone Technical Test Center



# Acronyms

Acronym	Meaning
STIL	System Test Integration Laboratory
T&E	Test and Evaluation
WRIST	Wireless Range Instrumentation System for Townsend
WSMR	White Sands Missile Range (in NM)
XM11S	Surface-to-Air Missile Simulator Upgrade
YPG	Yuma Proving Ground



## ***Instrumentation Programs***

*Directed Energy Test Science & Technology*

*Helicopter Icing Spray System*

*Advanced Ballistic Data Acquisition*

## ***Target Programs***

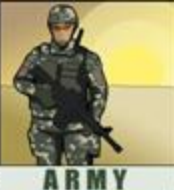
*Air Defense Artillery Targets (Hardware & Services)*

*Rotary Wing Targets (Hardware & Eng. Services)*

*Rocket Assisted Take-Off (Hardware)*

**TSIS 2007**





# Helicopter Icing Spray System

## Description:

The Helicopter Icing Spray System (HISS) will be designed to be installed in a CH-47 helicopter, independent of the host aircraft systems (e.g., hydraulics) with palletized “roll on/off” capability. HISS should be moveable between like aircraft based upon mission and aircraft availability, thereby eliminating the requirement for a dedicated, highly-modified host aircraft. This capability will perform in-flight artificial icing and rain test for low air speed air vehicles (fixed and rotary-wing aircraft and UAVs).

### Acquisition Strategy

- To be developed
- 4 year program FY10-13

### Funding

- < \$9M

### Point of Contact

Name: Ralph Holweck  
Phone: (407) 384-5232  
Email: [ralph.holweck@peostri.army.mil](mailto:ralph.holweck@peostri.army.mil)

### Milestones



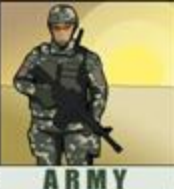
RFP Release  
(TBD)



Contract Award  
(TBD)



Establish First DB  
(TBD)



# Advance Ballistic Data Acquisition

## Description:

New large and medium caliber weapons are being developed with longer ranges and fast firing cycle times (due to autoloaders and state-of-the-art recoil systems and ammunition) to improve the Army's fire power capabilities. This project will develop capabilities that will permit Yuma Test Center and Aberdeen Test Center to test and generate safety releases for new systems being introduced by the ongoing Army Transformation as part of the Precision Engagement effort and testing of Interim and Legacy weapons. The new systems under test will have fast firing-cycle times (due to autoloaders), state-of-the-art recoil systems and ammunition that must operate safely without injuring the crew. These instruments will connect to a TENA-compliant network using DSITCAP approved computers.

### Acquisition Strategy

- To be developed
- 5 year program FY09-13

### Funding

- < \$ 7M

### Point of Contact

Name: Ralph Holweck  
Phone: (407) 384-5232  
Email: [ralph.holweck@peostri.army.mil](mailto:ralph.holweck@peostri.army.mil)

### Milestones



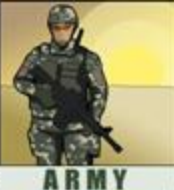
RFP Release  
(TBD)



Contract Award  
(TBD)



Establish First D  
(TBD)



# Air Defense Artillery Targets

## Description:

Manufacture of sub-scale Remotely Piloted Vehicle Target (RPVT) hardware & associated services at various homestation locations worldwide. This contract will serve as the Army's primary source for short-range air-defense targets that provide Avenger/Stinger crews a live-fire and simulation capability to support collective training. In addition, the contract will support other DOD testing/training requirements as well as FMS where a need exists for a low-cost Unmanned Aircraft System and associated support services.

### Acquisition Strategy

- Competitive - Small Business Set-Aside
- 5 Years (Includes Basic Plus Options)
- Type – FFP and CPFF

### Funding

- < \$29.0M

### Point of Contact

Name: Charles Farrior  
Phone: (256) 876-9301  
Email: [charles.farrior@us.army.mil](mailto:charles.farrior@us.army.mil)

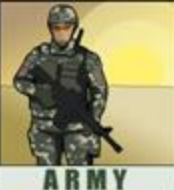
### Milestones



RFP Release  
8 January 2008



Contract Award  
29 August 2008



# Rotary Wing Aerial Targets

## Description:

Manufacture of remotely piloted rotary-wing aerial-target hardware plus training of government contract operators and engineering services performed at the contractor's facilities and Orogrande New Mexico. This contract will serve as the Army's primary source for rotary-wing targets that provide testing opportunities for weapons systems under development. In addition, the contract will support other DOD testing/training requirements as well as FMS where a need exists for a low-cost rotary-wing target and associated support services.

### Acquisition Strategy

- Competitive
- 5 Years (Includes Basic Plus Options)
- Type – FFP and CPFF

### Funding

- < \$5.0M

### Point of Contact

Name: Charles Farrior  
Phone: (256) 876-9301  
Email: [charles.farrior@us.army.mil](mailto:charles.farrior@us.army.mil)

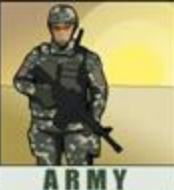
### Milestones



RFP Release  
8 January 2008



Contract Award  
1 May 2008



# Rocket Assisted Take - Off

## Description:

Manufacture of Rocket-Assisted Take-Off (RATO) System for the MQM-107 Target. Procurement will be a commercial hardware acquisition. Purpose is to establish a second procurement source for the RATO rocket motor used for launch of the MQM-107 Aerial Target System.

### Acquisition Strategy

- Competitive
- 5 Years (Includes Basic Plus Options)
- Type – FFP

### Funding

- < \$3.7 M

### Point of Contact

Name: Charles Farrior  
Phone: (256) 876-9301  
Email: [charles.farrior@us.army.mil](mailto:charles.farrior@us.army.mil)

### Milestones



RFP Release  
May 2007



Contract Award  
August 2007

# Training & Simulation Industry Symposium



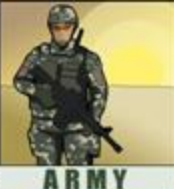


*COL Craig G. Langhauser*

*Project Manager, Combined Arms Tactical Trainers*

**TSIS 2007**





**Project Manager**  
CATT = Virtual  
**COL Craig Langhauser**



**Assistant  
Project Manager**  
Close Combat  
Tactical Trainer  
(APM CCTT)  
**Mr. John Foster**



**Assistant  
Project Manager**  
Synthetic  
Environment - Core  
(APM SE Core)  
**Mr. John Womack**



**Product Manager**  
Air and Command  
Tactical Trainers  
(PM ACTT)  
**LTC Gary Stephens**



**Product Manager**  
Ground Combat  
Tactical Trainers  
(PM GCTT)  
**LTC Scott Pulford**

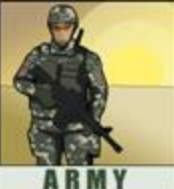


**Product Manager**  
Special Operations  
Forces Training  
Systems (PM STS)  
**LTC Kevin Mobley**



# Opportunities

- ❑ **PM CCTT – Mr. John Foster, APM CCTT :**
  - Close Combat Tactical Trainer (CCTT)
  
- ❑ **PM SE Core – Mr. John Womack, APM SE Core :**
  - Synthetic Environment Core (SE Core)



# Opportunities

## **❑ PM ACTT – LTC Gary Stephens, Product Manager :**

- Shadow Training Devices
- Gaming for Training

## **❑ PM GCTT – LTC Scott Pulford, Product Manager :**

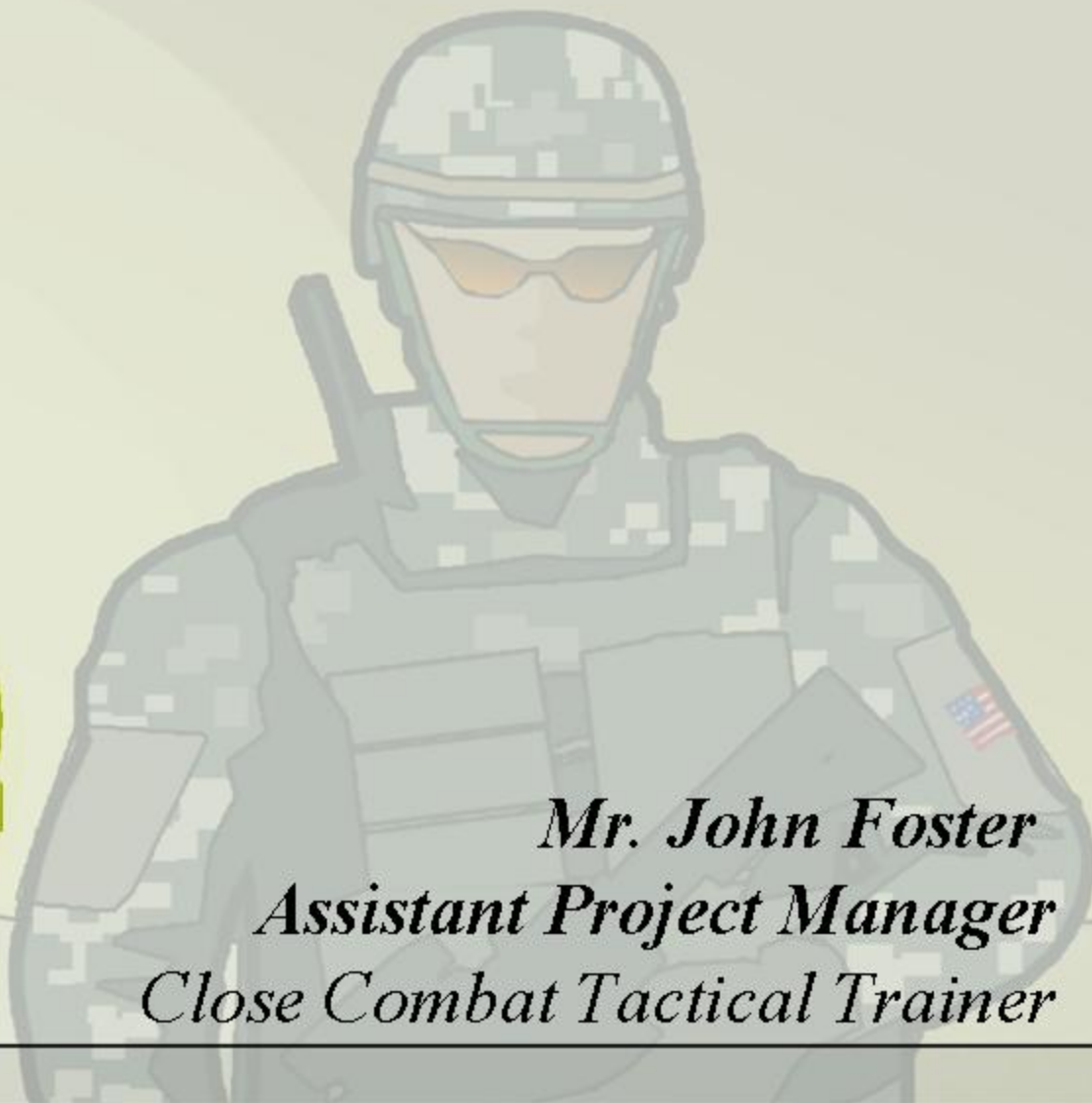
- Virtual Combat Convoy Training (VCCT) Services
- Driver Education Training Services
- Surfaced-Launched Advanced Medium-Range Air-To-Air Missile (SLAMRAAM) Suite of TADSS
- Hydraulic Excavator Operator Trainer
- Route Clearance Company Training Services
- Route Clearance Trainers



# Opportunities

## ❑ PM STS – LTC Mobley, Product Manager (Acting):

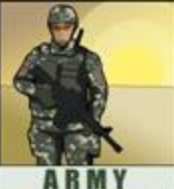
- MH-60 Combat Mission Simulator # 2
- Common Environment (CE) Development
- SOF Support Services



*Mr. John Foster*  
*Assistant Project Manager*  
*Close Combat Tactical Trainer*

**TSIS 2007**





# Close Combat Tactical Trainer

## Description:

The Close Combat Tactical Trainer (CCTT) has a requirement for 13 Reconfigurable Vehicle Simulators at four to five CCTT fixed sites, 21 Reconfigurable Vehicle Tactical Trainer at 21 locations around the world and 25 Reconfigurable Vehicle Simulator Support Trailers to support RVS and RVTT systems.

### Acquisition Strategy

- Competitive Solicitation and Award through STOC
- GFI provided

### Funding

- Contract (s) Estimate:
  - Greater than \$100M

### Point of Contact

Name: John Foster  
Phone: 407-384-3814  
Email: [john.david.foster@us.army.mil](mailto:john.david.foster@us.army.mil)

### Milestones



RFP Release  
4QFY07



Contract Award  
1QFY08



Delivery of first  
production unit  
1QFY09

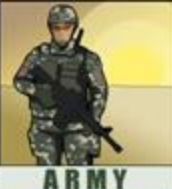


*Mr. John Womack*

*Assistant Project Manager, Synthetic Environment Core*

**TSIS 2007**





# Synthetic Environment Core

## Description:

The Synthetic Environment Core (SE Core) program is a R&D effort that will build the Army's Common Virtual Environment (CVE) to:

- Provide a Virtual Architecture to guide future virtual simulation
- Promote Reuse and Develop Common Virtual Components
- Implement "Virtual" in the Live-Virtual-Constructive Integrating Architecture (LVC) for

interoperability and linkage of Future Combat Systems (FCS) embedded LVC with legacy forces. SE Core will also develop a standard/rapid terrain generation capability and establish multiple database production facilities. SE Core prime contractors perform trade studies to evaluate existing capabilities.

### Acquisition Strategy

- Current STOC Awards:
  - SAIC - Architecture and Integration (A&I)
  - CAE - Database Virtual Environment Development (DVED)

### Funding

- Contract (s) Estimate:
  - Greater than \$100M

### Point of Contact

APM SE Core: John Womack  
Phone: 407-384-3572  
Email: [john.h.womack@us.army.mil](mailto:john.h.womack@us.army.mil)

SAIC: Elizabeth Burch, 407-243-3725  
CAE: Steve Hopkins, 407-384-4543

### Milestones



Common  
Models  
1QFY08



Dynamic  
Terrain  
Trade Study  
2QFY08



Database  
Plug-Ins  
(AVCATT)  
3QFY08



Source Data  
Manipulation Tools  
(Continuous)

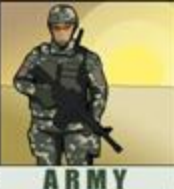


*LTC Gary Stephens*

*Product Manager, Air & Command Tactical Trainers*

**TSIS 2007**





# Shadow Training Devices

## Description:

Provide SHADOW TUAS training capability to the National Guard Bureau (NGB). Requirements include desk-top proficiency trainers for the air vehicle/payload operators, launcher operations, and maintainer part-task trainers. Future requirements may include a Regional Flight Training Center (RFTC) capability.



### Acquisition Strategy

- Competitive award under STOC

### Funding

- Contract (s) Estimate:  
– \$5 - \$10M

### Point of Contact

Name: Mr. Mike Younce  
Phone: 407-384-3763  
Email: [michael.younce@us.army.mil](mailto:michael.younce@us.army.mil)

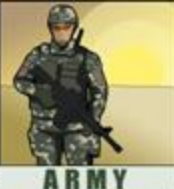
### Milestones



RFP  
4QFY07 – QFY08



CA  
1QFY08 – 2QFY08



# Games For Training

## Description:

Plan is to establish a contract to meet emerging Warfighter requirements for rapid training solutions using gaming technology. The initial requirement will be for a gaming system to conduct convoy training. Follow-on efforts will include modifications to gaming technologies in use now, i.e. Ambush! models, terrain and behaviors. Potential requirements include situational awareness, cultural interaction, language, teamwork, and mission rehearsal using the latest PC-based training technologies.



## Acquisition Strategy

- Full and Open Competition
- Multiple award
- ID/IQ

## Funding

- Contract (s) Estimate:
  - Up to \$5M

## Point of Contact

Name: Leslie Dubow  
Phone: (407) 384-3629  
Email: [leslie.dubow@us.army.mil](mailto:leslie.dubow@us.army.mil)

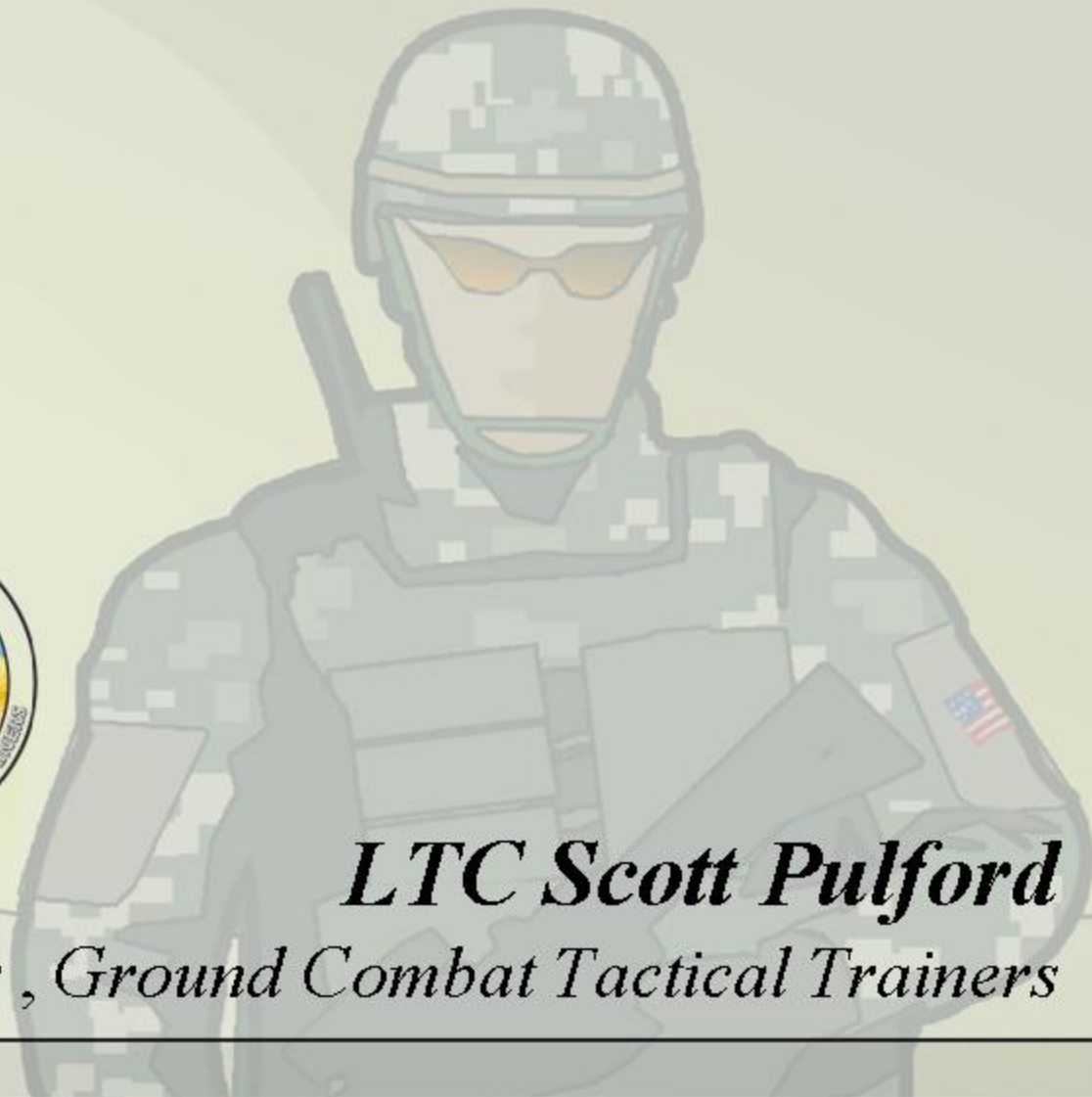
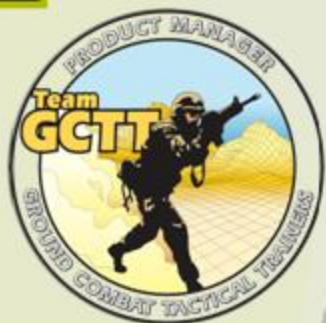
## Milestones



RFP:  
1QFY08



CA:  
2QFY08

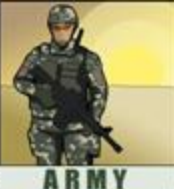


***LTC Scott Pulford***

*Product Manager , Ground Combat Tactical Trainers*

**TSIS 2007**





# Virtual Combat Convoy Services

## Description:

A Qualified Services List (QSL) under STOC is a streamlined evaluation approach for future VCCT Services. The QSL process is open and continuous and is projected to continue through FY07, but it may be extended. QSL is an effort to expedite award of future VCCT task orders for VCCT services. As customers come to PEO STRI for VCCT services, this list of contractors can compete for each new VCCT Services RFP. PM GCTT has awarded approx \$7.5M in training services to support three Army installations. Acquisition timelines are expected to remain under 90 days from receipt of funding to RFT.

### Acquisition Strategy

- Competitively selected under STOC
- Firm Fixed Price
- Selected based on Best Value

### Funding

- Contract (s) Estimate:
  - \$300K to \$1.5M depending on number of sites and length of services

### Point of Contact

Name: Jim Crabtree  
Phone: 407 384-3946  
Email: [jim.crabtree@us.army.mil](mailto:jim.crabtree@us.army.mil)

### Milestones



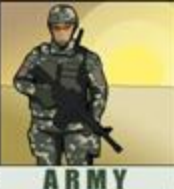
RFP Release  
Various



Various + 1 month  
Contract Award



6 to 12 Months  
Length of training services



# Driver Education Training Services

## Description:

Field commanders and installations have approached PEO STRI for requirements to train vehicle drivers / operators using a training services acquisition strategy. Training tasks will focus on fundamental driver skills and range up to tactical / combat driving techniques. Potential vehicles to be modeled include HMMWV (and up-armored variants), medium and heavy tactical trucks and privately owned vehicles. The government is considering a Qualified Services List under STOC as a streamlined evaluation approach. PM GCTT has awarded approximately \$200K in training services to support one Army installation. Acquisition timelines are expected to remain under 90 days from receipt of funding to RFT.

### Acquisition Strategy

- Competitively selected under STOC
- Firm Fixed Price
- Selected based on Best Value

### Funding

- Contract (s) Estimate:
  - \$100K to \$1.0M depending on number of sites and length of services

### Point of Contact

Name: Jim Crabtree  
Phone: 407 384-3946  
Email: [jim.crabtree@us.army.mil](mailto:jim.crabtree@us.army.mil)

### Milestones



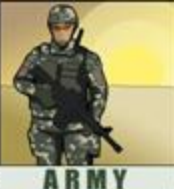
RFP Release  
Various



Various + 1 month  
Contract Award



6 to 12 Months  
Length of training services



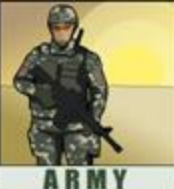
# SLAMRAAM SUITE OF TADSS

## Description:

The Surface-Launched Advanced Medium-Range Air-to-Air Missile (SLAMRAAM) is the Army's future short-range air-defense weapon. The SLAMRAAM program is intended to eventually replace all of the Army's short-range air-defense weapon systems that employ the Stinger missile. The SLAMRAAM PM has approached PEO STRI with the intent to procure six training systems ranging from Diagnostic Maintenance Trainers to missile and launcher mockups for the Air Defense and Ordnance Munitions & Electronic Maintenance Schools.



Acquisition Strategy	Funding		
<ul style="list-style-type: none"><li>Competitively selected under STOC</li><li>Firm Fixed Price</li><li>Selected based on Best Value</li><li>GFI documentation provided</li></ul>	<ul style="list-style-type: none"><li>Contract (s) Estimate:<ul style="list-style-type: none"><li>\$25-50M</li></ul></li></ul>		
Point of Contact	Milestones		
Name: Darryl Williams Phone: 407 384-3973 Email: <a href="mailto:darryl.williams2@peostri.army.mil">darryl.williams2@peostri.army.mil</a>	▲ RDTE Contract Award - 2QFY09	▲ Production Contract Award - 2QFY11	▲ Delivery of trainers (FUE) - VARIOUS



# Hydraulic Excavator Operator Trainer

## Description:

PEO STRI, in conjunction with the Engineer School at Ft. Leonard Wood, Missouri, is doing a training task analysis study now to define the operator and driver tasks for a Family of Construction Engineer vehicles. The Hydraulic Excavator is one of those vehicles. The HYEX will be the first construction variant developed and will leverage the Common Driver Trainer product line architecture.



### Acquisition Strategy

- TBD

### Funding

- Contract (s) Estimate:
  - Initially \$1-5M

### Point of Contact

Name: MAJ Dan Gamel  
Phone: 407 384-3767  
Email: [danell.gamel@us.army.mil](mailto:danell.gamel@us.army.mil)

### Milestones



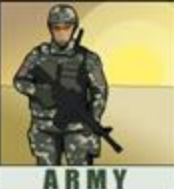
RFP Release  
3QFY07



Contract Award  
4QFY07



Delivery of trainers  
(FUE) - 3QFY08



# Route Clearance Company Training Services

## Description:

The Engineer School at Ft. Leonard Wood has an Operational Needs Statement (ONS) for training capability for a family of mine detection and clearance vehicles. PEO STRI has recently released a Request for Information (RFI) for the ONS Requirement in May 2007. The Acquisition Strategy will use a Training Services approach that will initially be delivered to Ft. Leonard Wood o/a 4QTR07 and will move to Ft. Hood o/a 1QTR08. Training Services will include virtual part task trainers for the Buffalo interrogation arm and live VMMD vehicles.



### Acquisition Strategy

- Competitively selected under STOC
- Firm Fixed Price
- Selected based on Best Value

### Funding

- Contract (s) Estimate:  
– \$1-5M

### Point of Contact

Name: MAJ Dan Gamel  
Phone: 407 384-3767  
Email: [danell.gamel@us.army.mil](mailto:danell.gamel@us.army.mil)

### Milestones



RFI

MAY 07



RFP

JUN 07



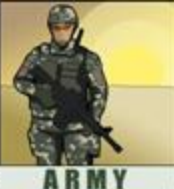
CA

AUG 07



Trng Begins

SEP 07



# Route Clearance Trainers

## Description:

The Engineer School at Ft. Leonard Wood has a requirement to develop and field a suite of devices to support each Route Clearance Company (RCC). Three vehicles will form the RCC, which are the MPCV (Buffalo), the MMPV (RG-31) and the VMMD (Husky). The elements that make up the RCC Suite of devices include a reconfigurable variant of the Common Driver Trainer, a Virtual Part Task Trainer for the Buffalo interrogation arm, and a Live Part Task Trainer for the Buffalo interrogation arm.



### Acquisition Strategy

- Competitively selected under STOC
- Firm Fixed Price
- Selected based on Best Value
- Potential for multiple awardees

### Funding

- Contract (s) Estimate:  
– \$5-25M

### Point of Contact

Name: MAJ Dan Gamel  
Phone: 407 384-3767  
Email: [danell.gamel@us.army.mil](mailto:danell.gamel@us.army.mil)

### Milestones



RFI  
AUG 07



RFP  
OCT 07



CA  
JAN 08

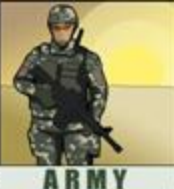


***LTC Kevin D. Mobley***

*Product Manager (Acting), Special Operations Forces Training Systems*

**TSIS 2007**





# MH-60M Combat Mission Simulator

## Description:

Acquisition of a second MH-60M Combat Mission Simulator for the 160th SOAR(A) providing real-world high-fidelity simulation to support new aviator qualification training, continuation training, and mission rehearsal capabilities that are interoperable with other USSOCOM mission rehearsal systems. The CMS will use the USSOCOM Common Database (CDB) and operate in a Common Environment (CE).



### Acquisition Strategy

- Contract will be awarded through a competitive solicitation under STOC

### Funding

- Contract (s) Estimate:  
– \$25M – \$50M

### Point of Contact

Name: LTC Kevin D. Mobley  
Phone: 407-384-3803  
Email: [kevin.mobley@us.army.mil](mailto:kevin.mobley@us.army.mil)

### Milestones



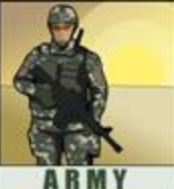
RFP  
4QFY11



Contract Award  
2QFY12



RFT  
4QFY13



# Common Environment (CE) Development

## Description:

Development of a SOF Common Environment that will be initially integrated with the AC-130U simulator at Hurlburt Field, FL and will eventually be integrated into all SOF virtual and constructive simulators including SOF Aviation, Ground, and Maritime simulators. This development is a follow-on effort to the Common Computer Generated Forces Study performed for USSOCOM.



## Acquisition Strategy

- Competition source selection under STOC. Government is interested in innovative approaches to meet USSOCOM's CE requirements.

## Funding

- Contract (s) Estimate:
  - Less than \$5M

## Point of Contact

Name: MAJ Clayton Edens  
Phone: 407-384-5405  
Email: [clayton.w.edens@us.army.mil](mailto:clayton.w.edens@us.army.mil)

## Milestones



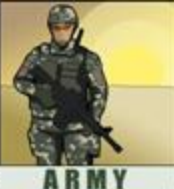
Contract Award  
1QFY08



Standalone Delivery  
1QFY09



AC-130U Integration  
1QFY10



# SOF Support Services

## Fort Campbell, KY and Hurlburt Field, FL

### Description:

Acquisition of Contractor Logistics Support (CLS), overall simulator support and maintenance, concurrency upgrades, hardware/software configuration management between systems and mission aircraft to include technology insertion and obsolescence management, system enhancements and upgrades correlated to priority training and mission rehearsal requirements.



### Acquisition Strategy

- Acquisition strategy varies with individual efforts

- Contract (s) Estimate:  
– \$5M – \$25M

### Point of Contact

Name: MAJ Brian Stehle  
Phone: 407-384-5111  
Email: [brian.stehle@us.army.mil](mailto:brian.stehle@us.army.mil)



RFP  
Releases Various



Contract Awards  
Various



Period of Performance  
(6 to 18 Months)

# Training & Simulation Industry Symposium

